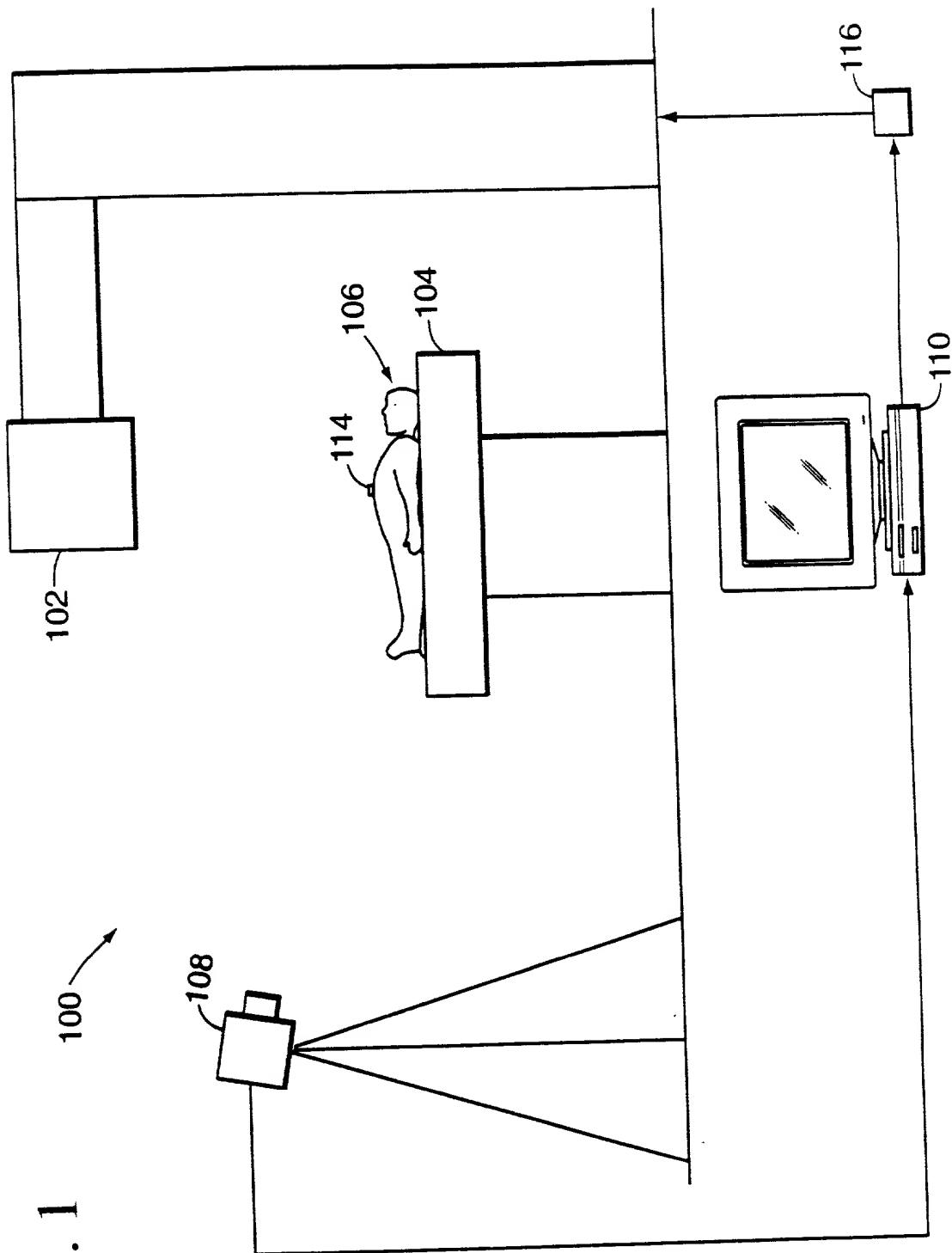


FIG. 1



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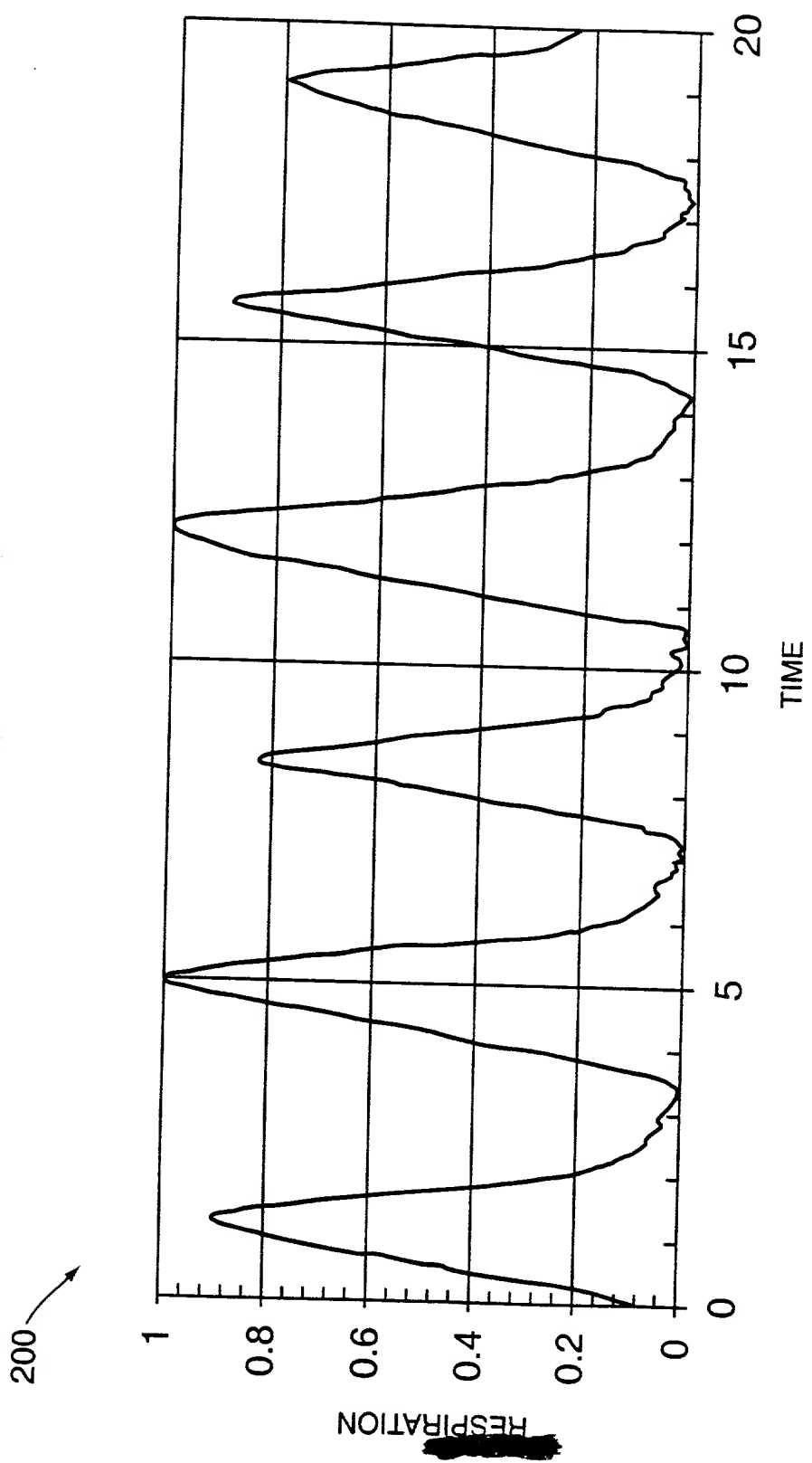


FIG. 2

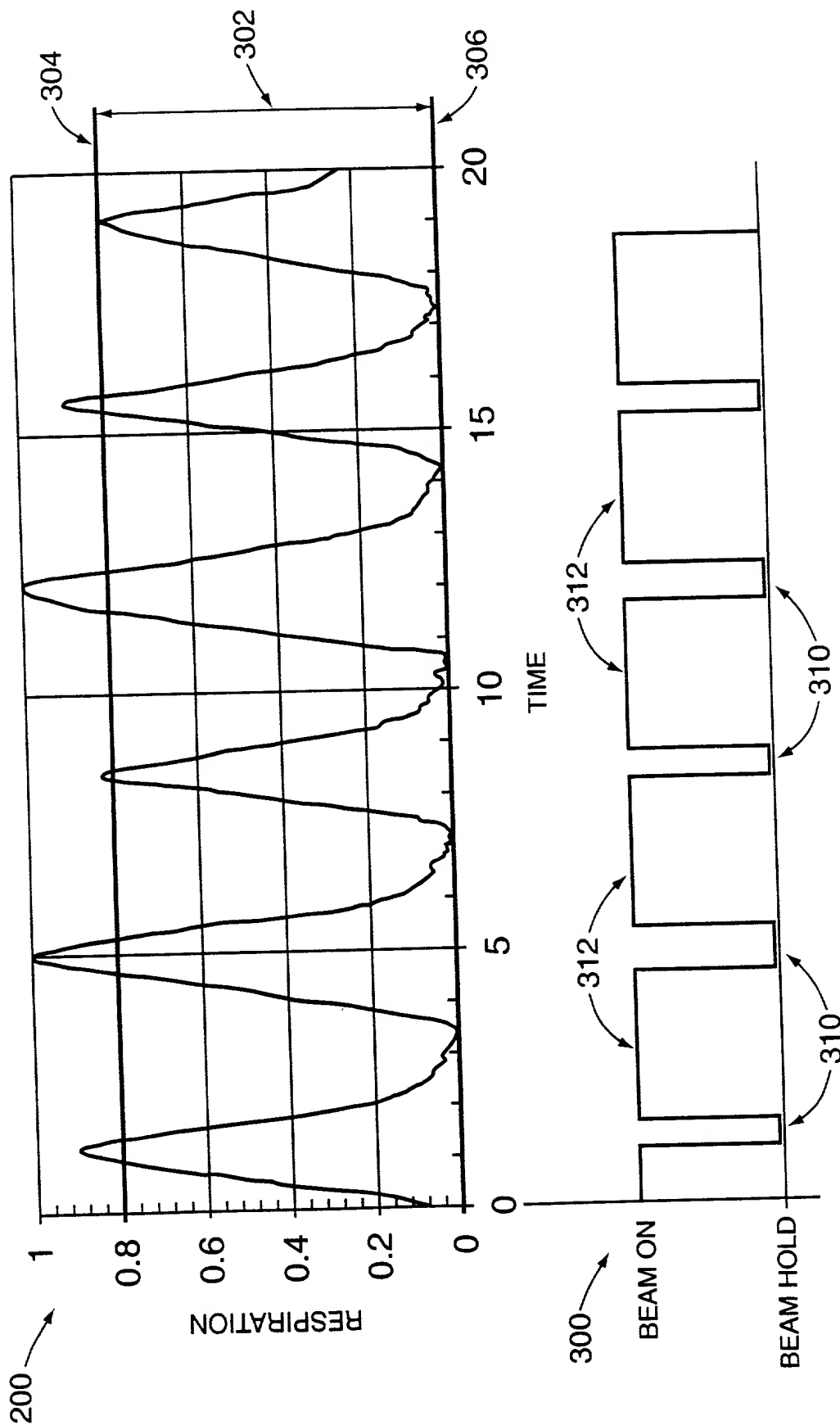


FIG. 3

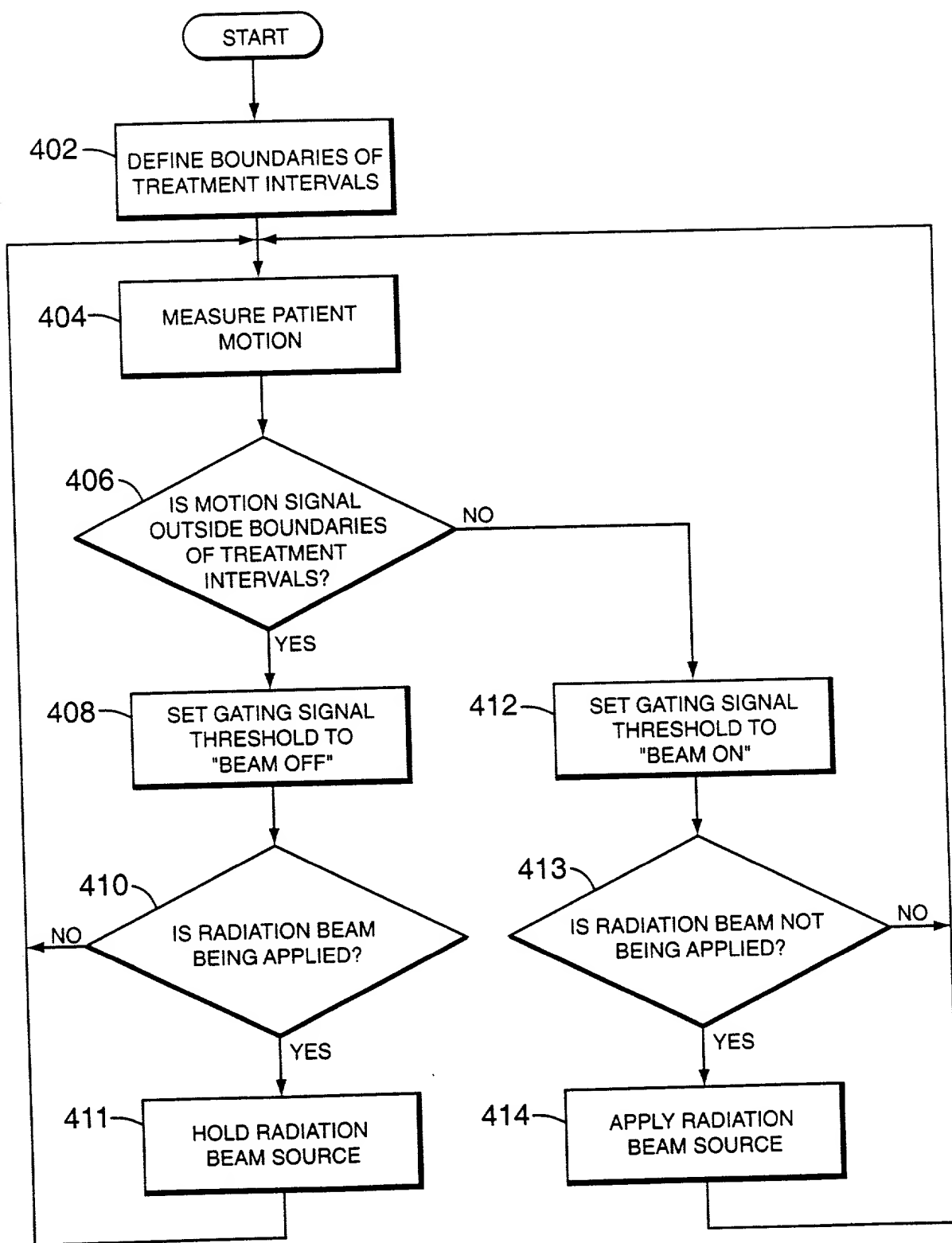
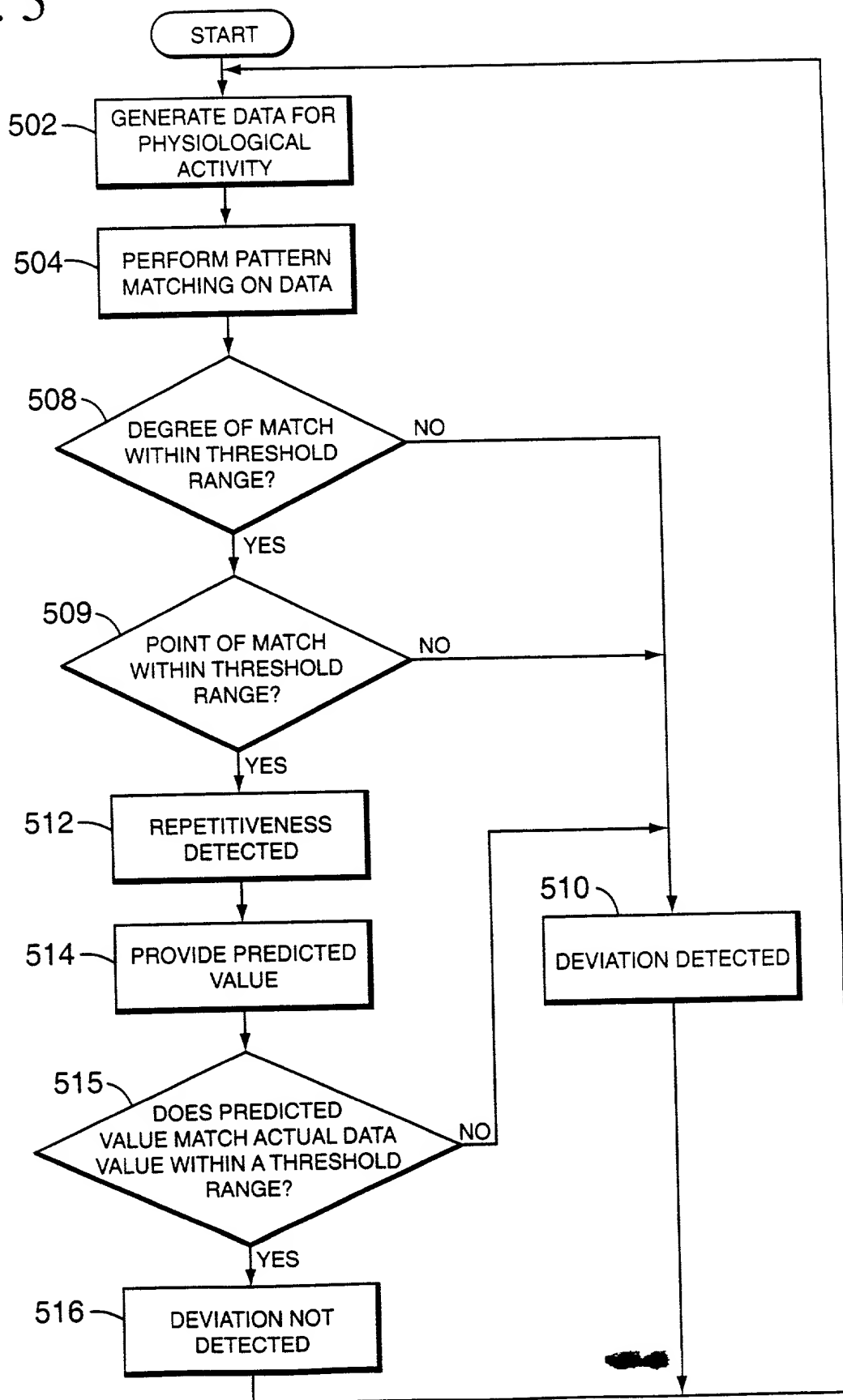


FIG. 4

FIG. 5



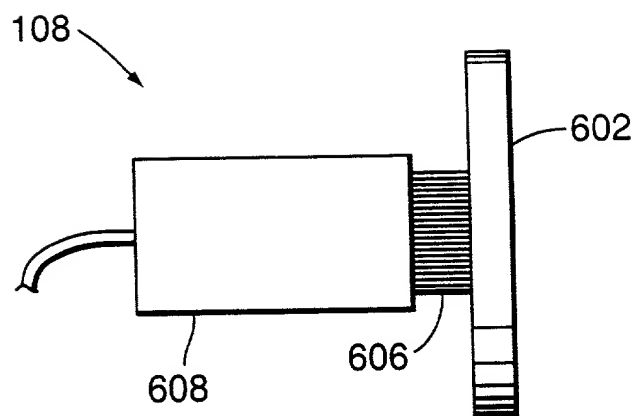


FIG. 6a

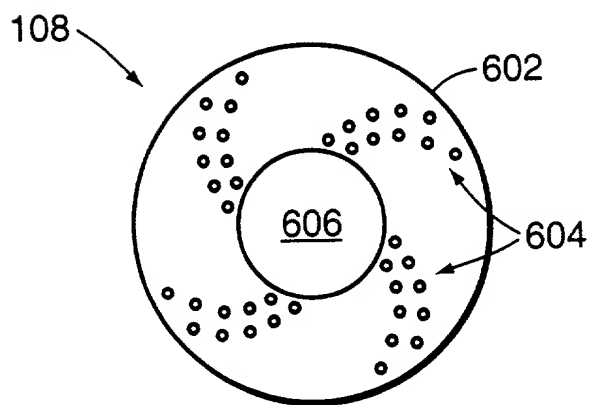


FIG. 6b

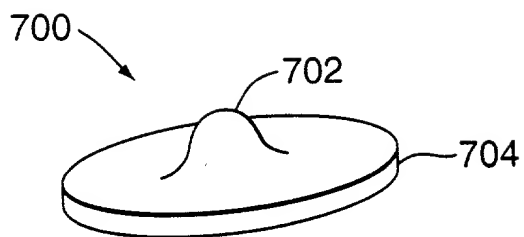


FIG. 7a

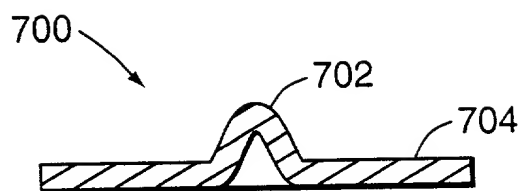


FIG. 7b

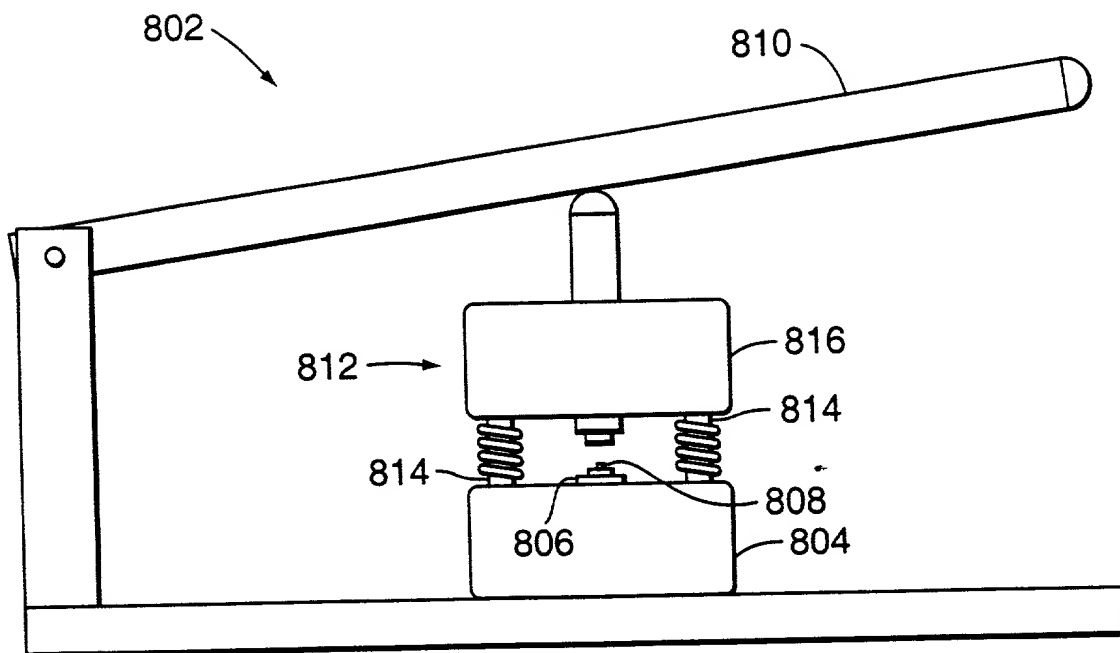
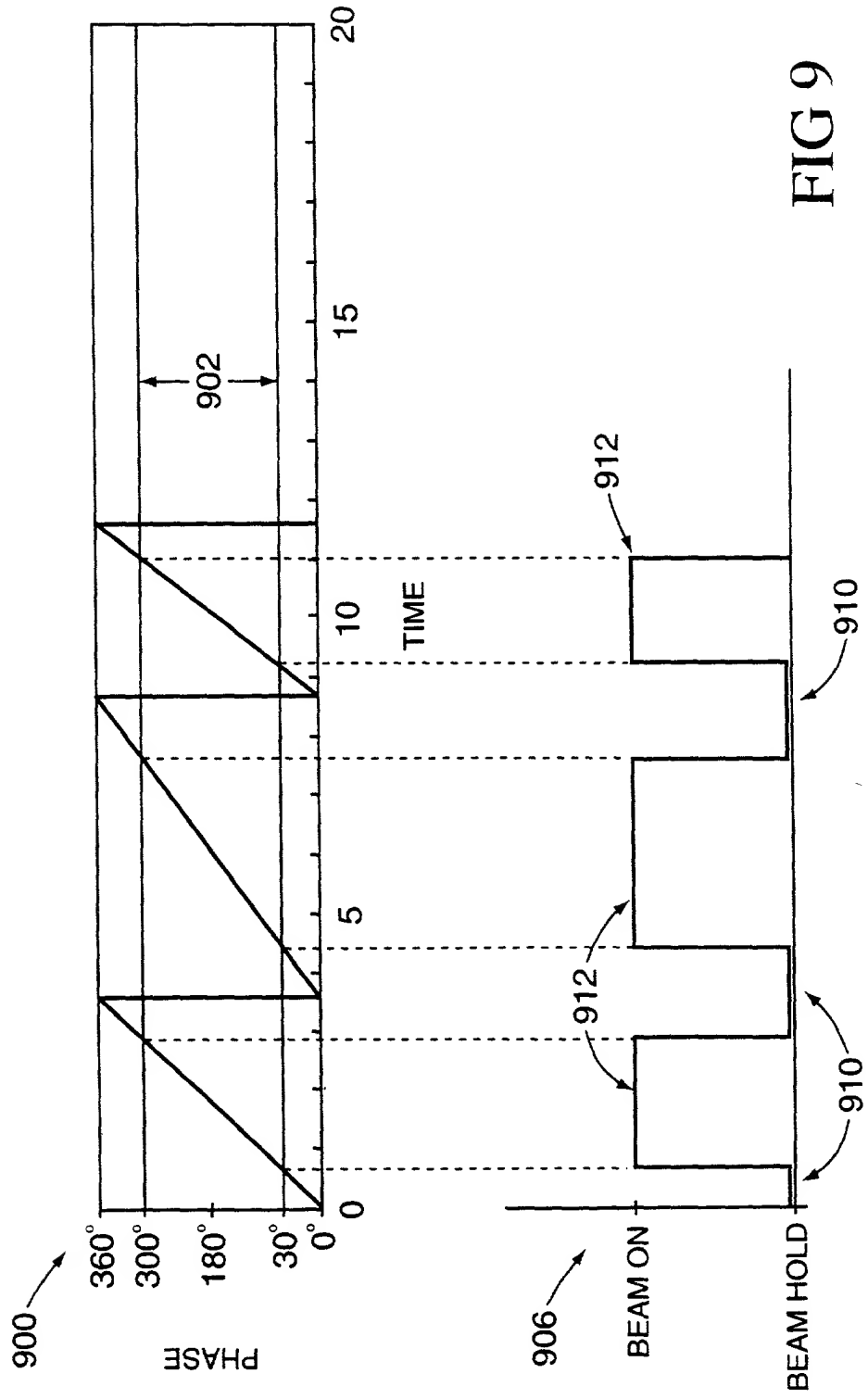


FIG. 8



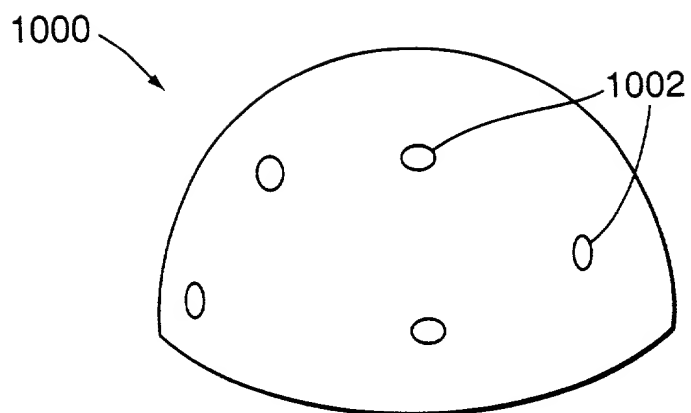


FIG. 10

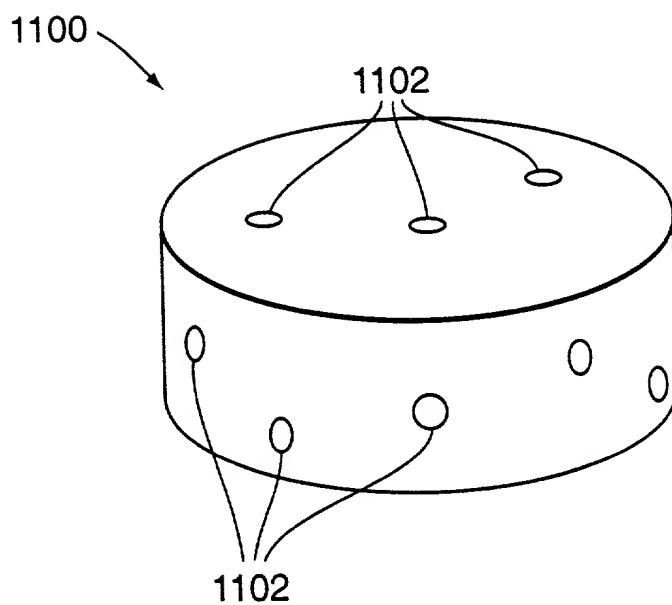


FIG. 11

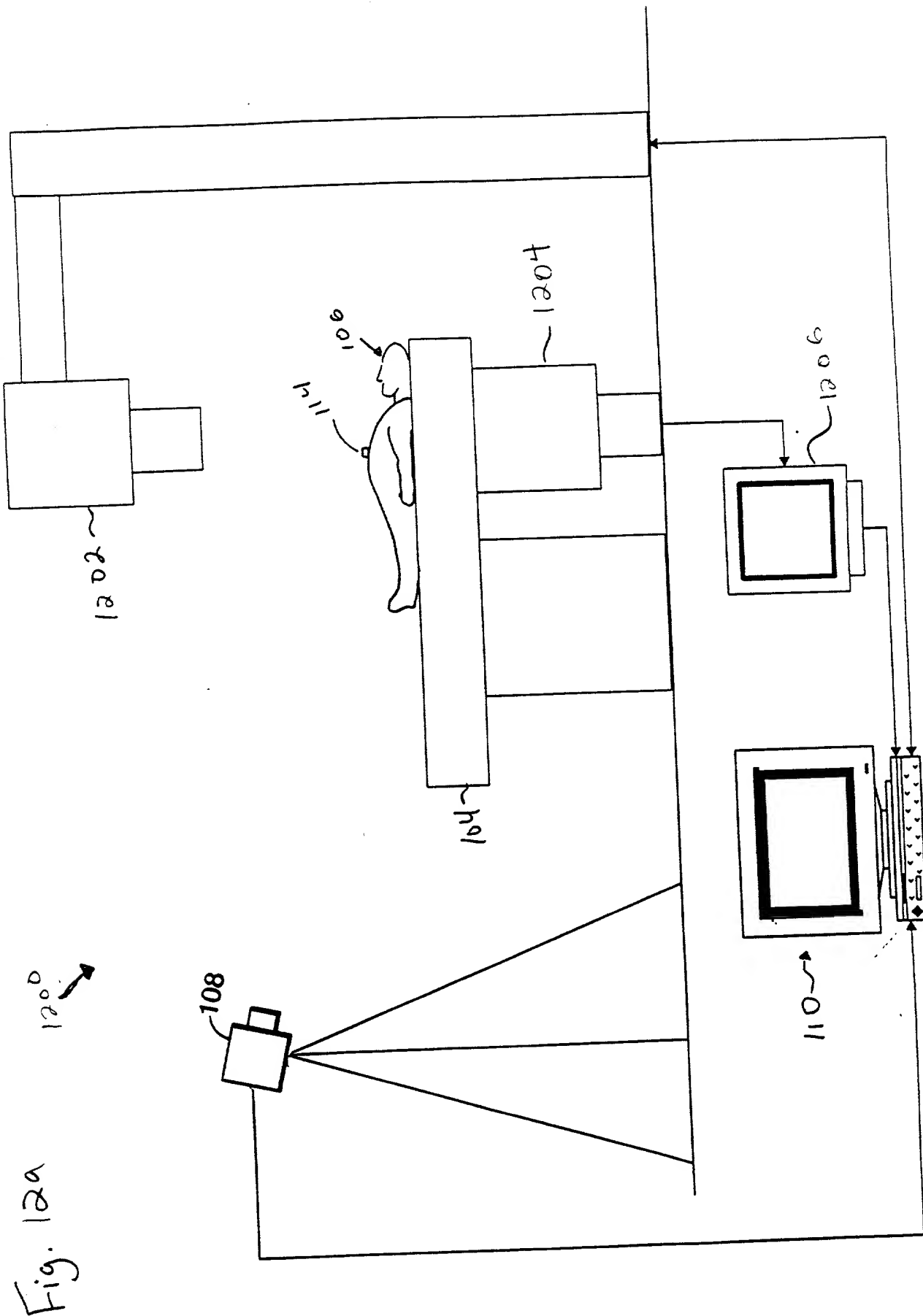




Fig. 12b

start

1302 ~ Receive data sample

1304 ~ Estimate exhale period,
inhale period, and
overall period

1306 ~ Estimate phase value
of data sample

1308 ~ Compare current data
sample with prior
data sample(s) at
equivalent phase

1310 ~ Current
Data Sample
within threshold
?

1312 ~ Deviation
Detected

1314 ~ Deviation not
detected

Fig. 13a

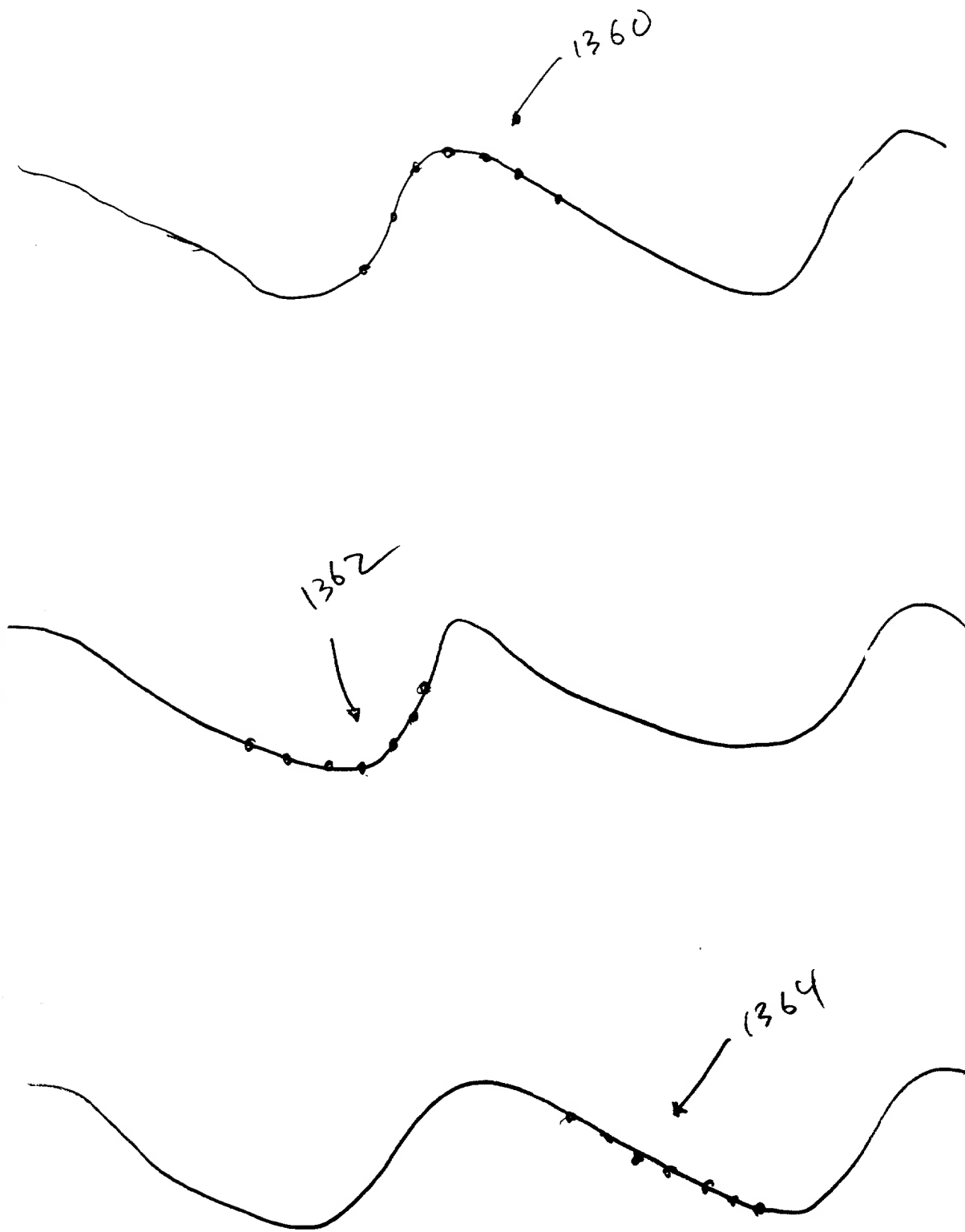
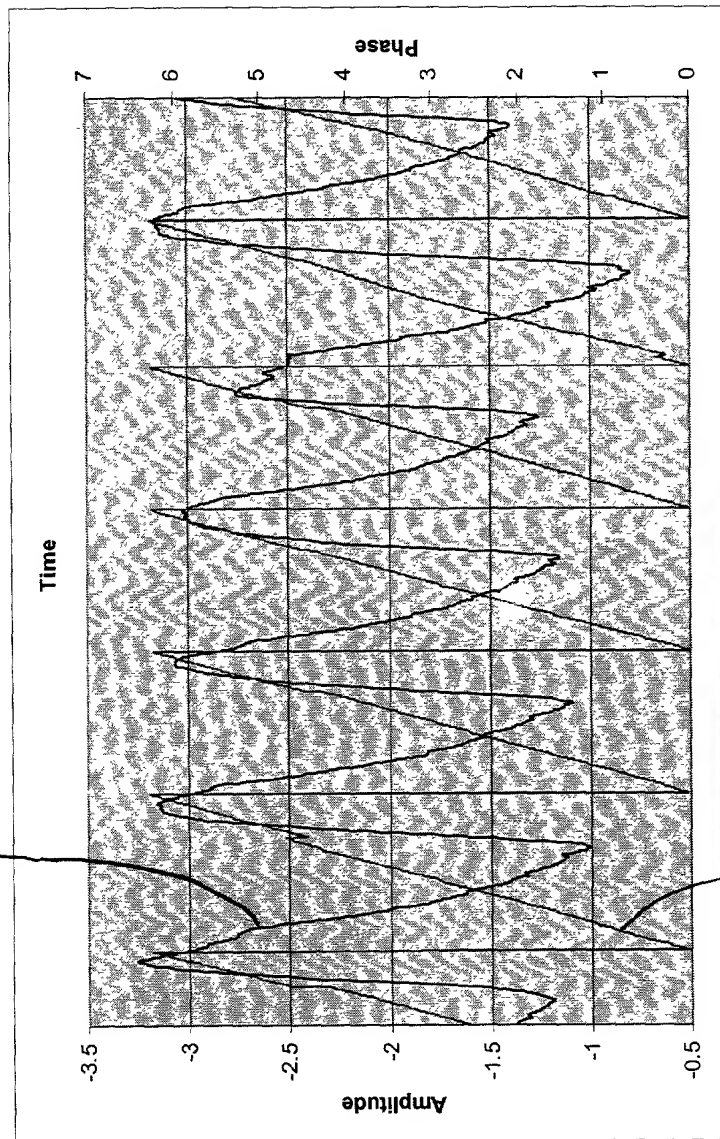


Fig. 13b

1352



1350

Fig. 13C

1360

1364

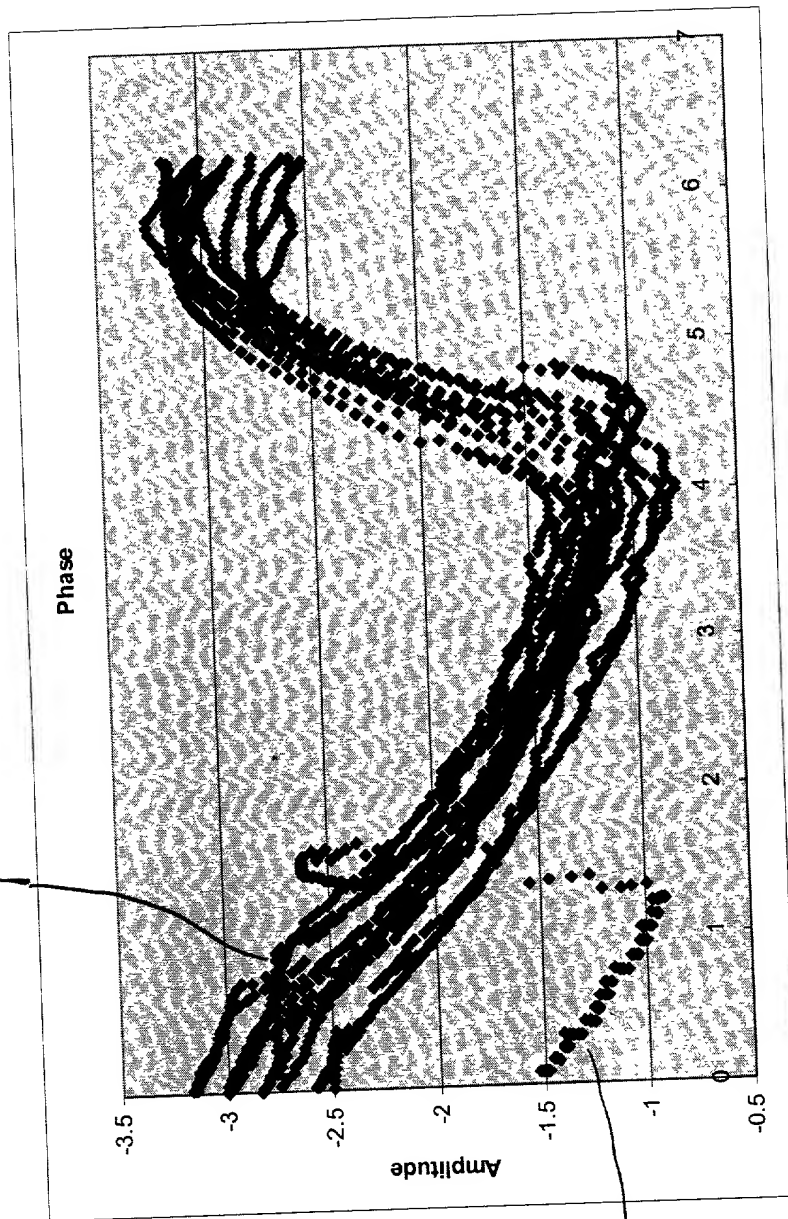


Fig. 13d

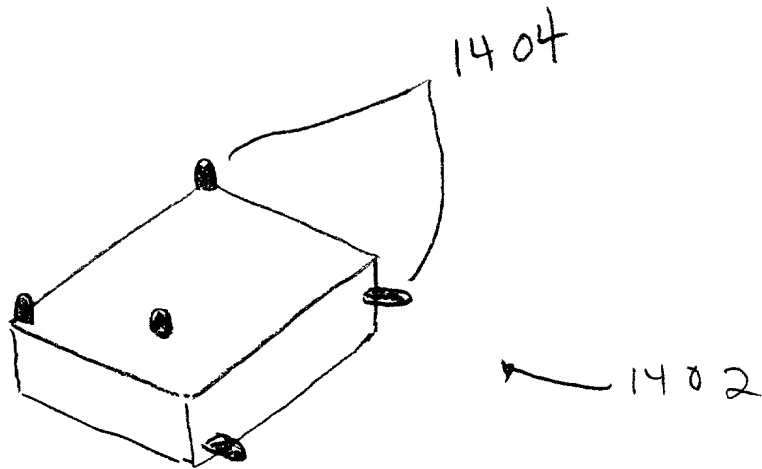


Fig. 14a

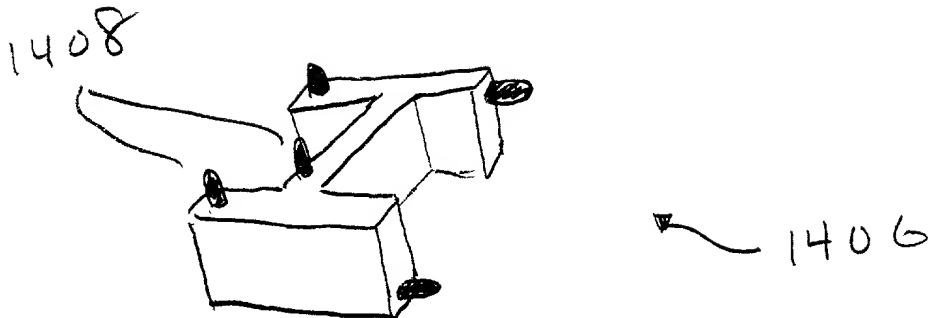
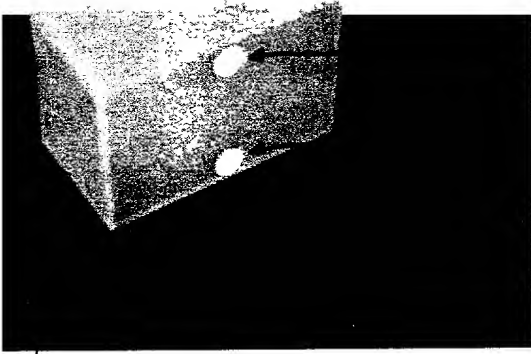


Fig. 14b

1477



1473

1475

1471

Fig. 14c

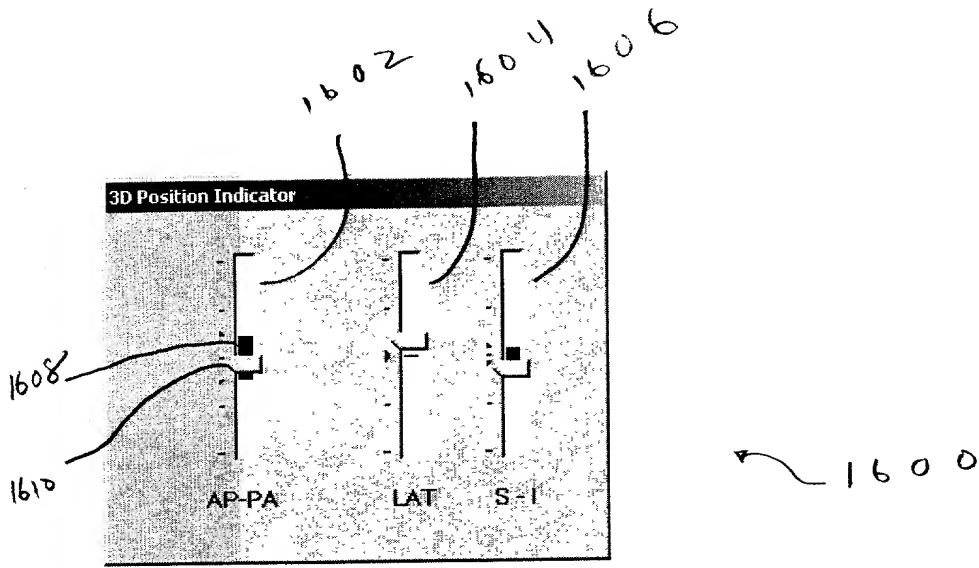


Fig. 16

[illegible]

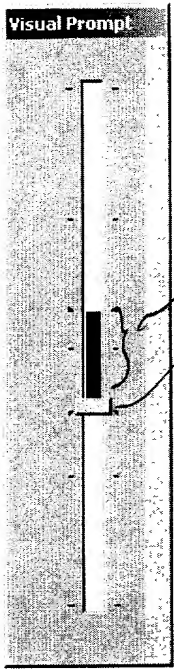


Fig. 17

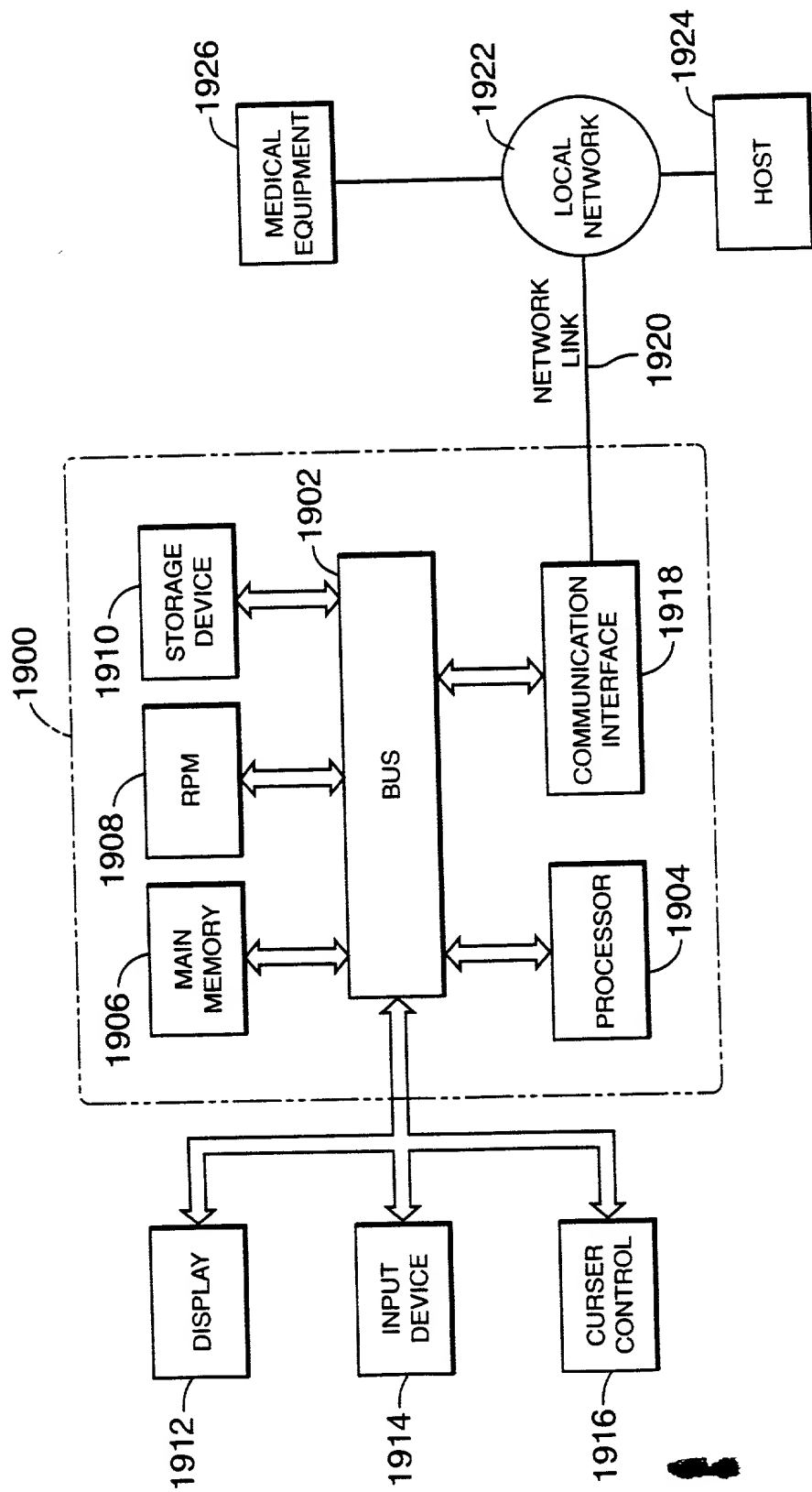


FIG. 19

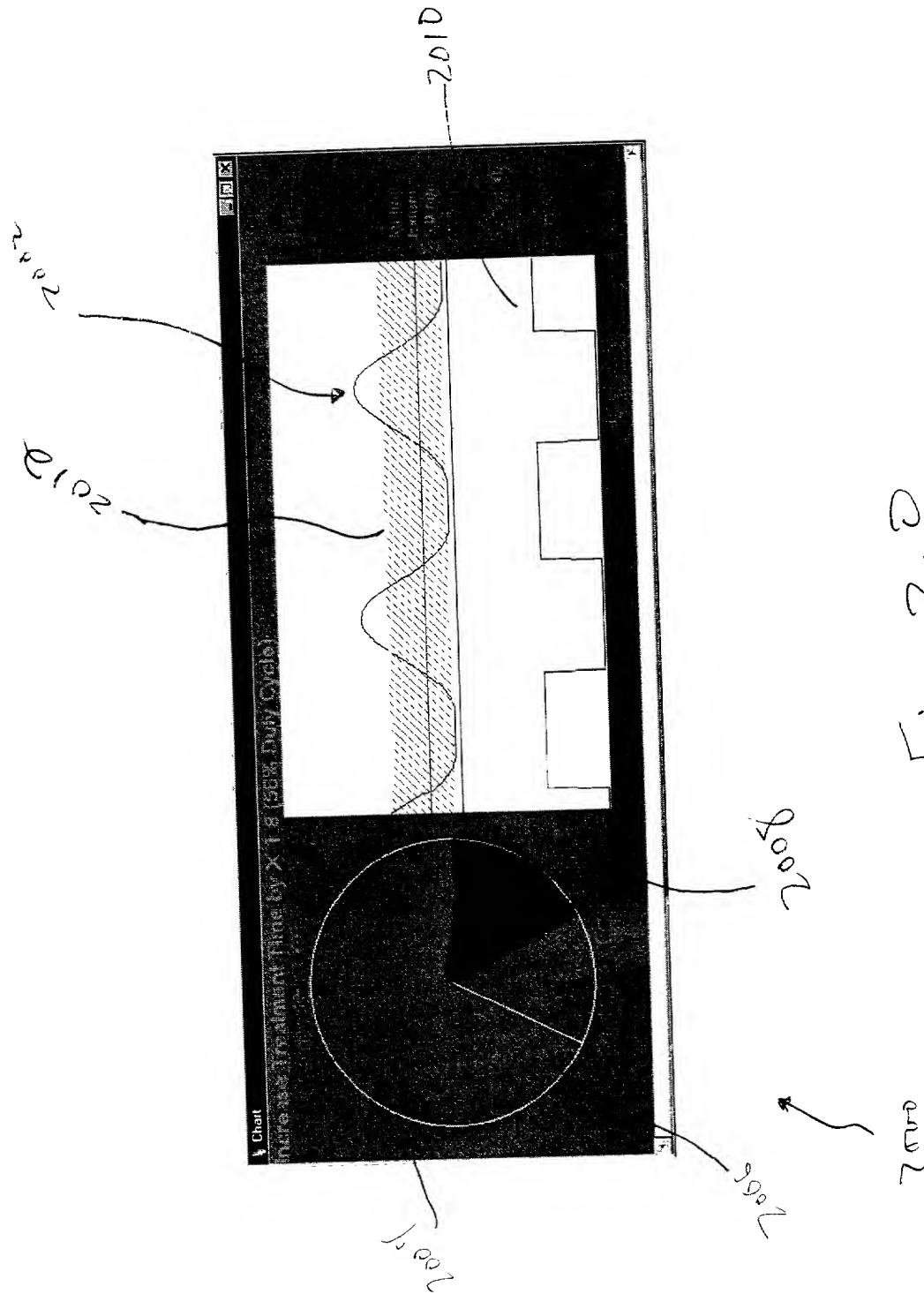


Fig. 20

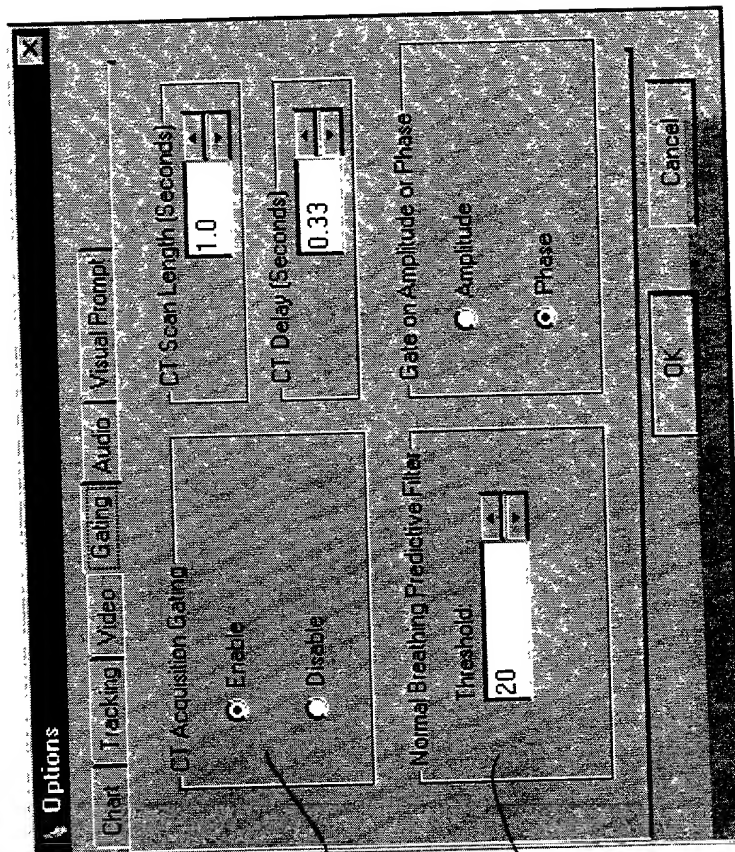


Fig. 21

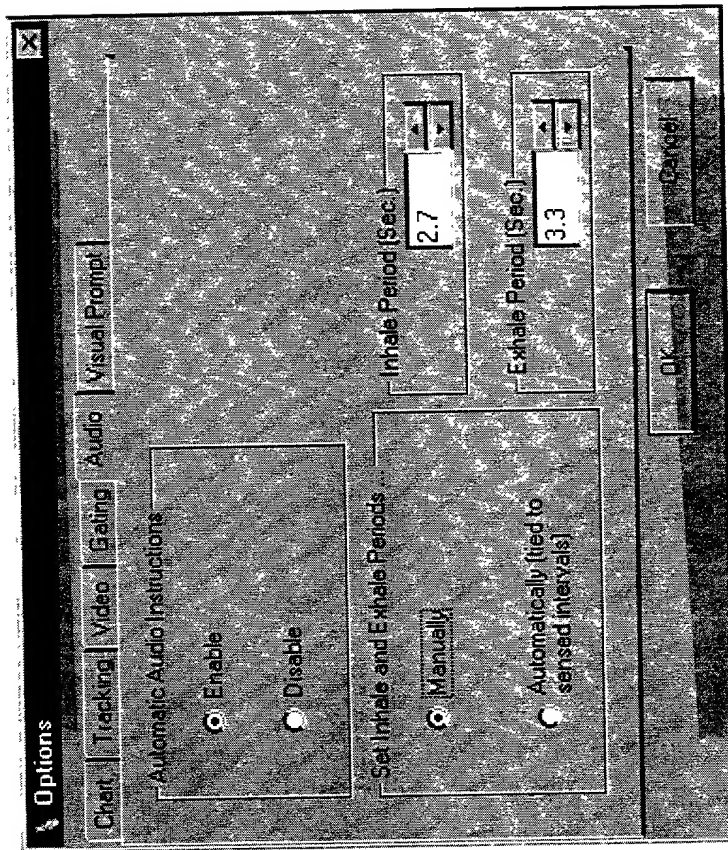


Fig. 22

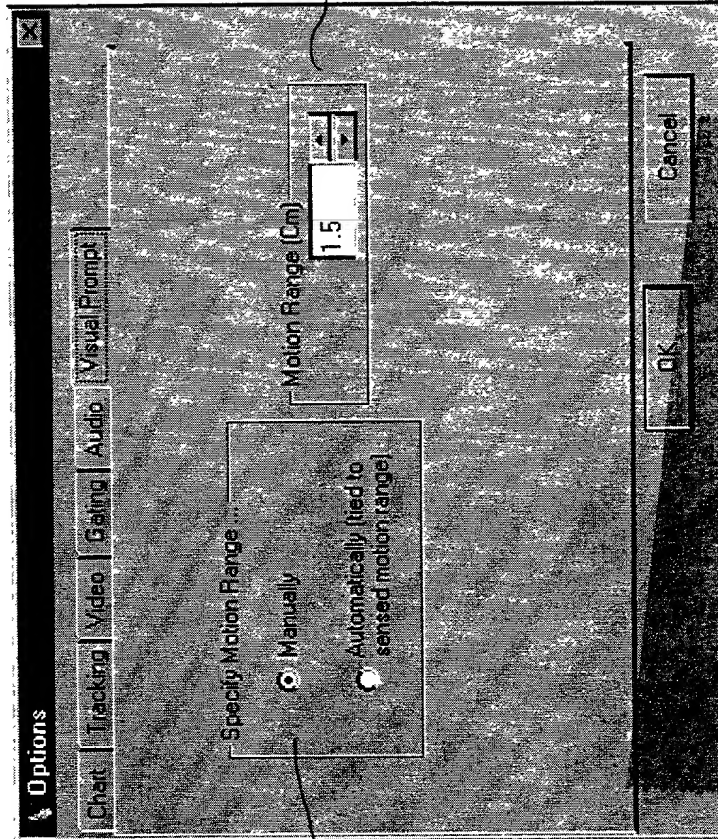


Fig. 23

Camera

Fluoro

Track

Record

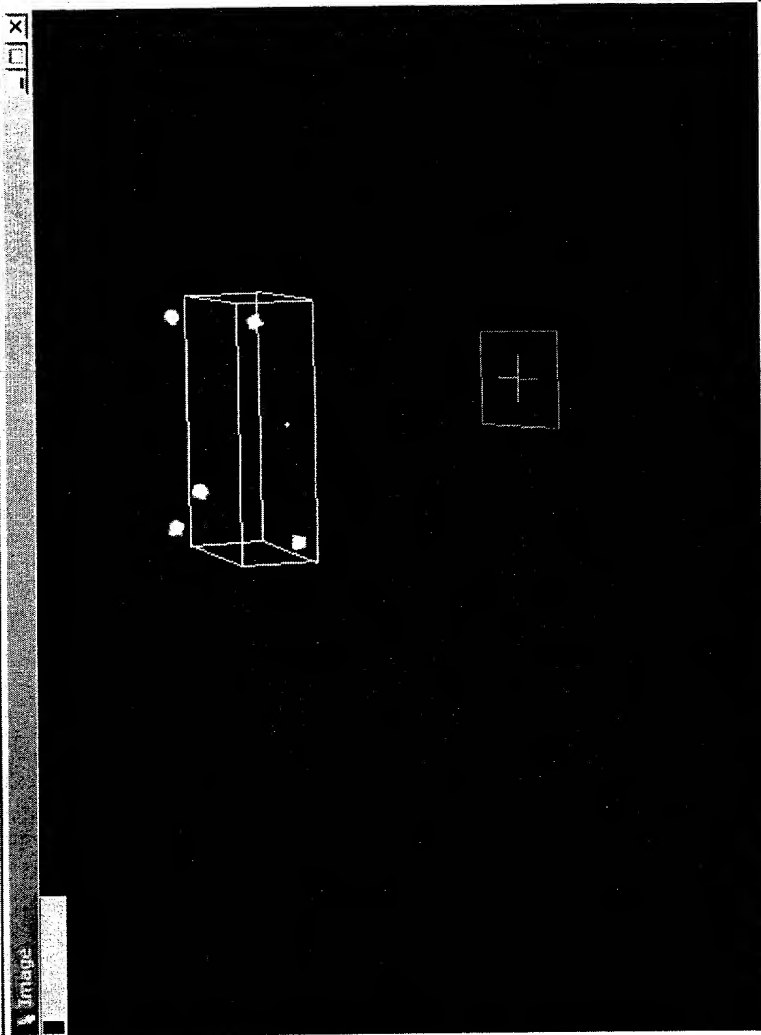
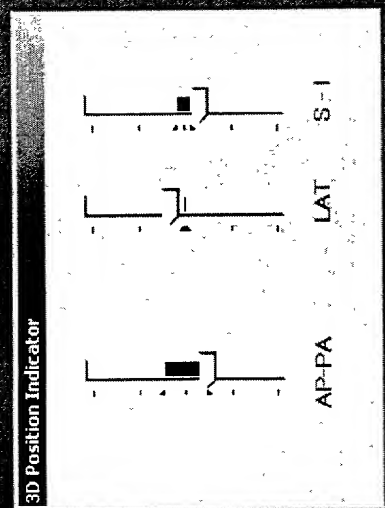
Stop

Play Back

Save

Stop Gating

Enable Gating



Chart

